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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Hatch, et al.	Confirmation No.:	1669
Serial No.:	10/656,956	Art Unit:	3662
Filed:	September 5, 2003	Examiner:	Phan, Dao Linda
For:	<i>Method for Receiver Autonomous Integrity Monitoring and Fault Detection Elimination</i>	Attorney Docket No.:	60877-0043-US (formerly 9792-0043-999)
		October 20, 2004	

AMENDMENT AFTER FINAL REJECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The enclosed Amendment is in response to the Final Office Action dated August 20, 2004 for the above identified patent application. This response is being filed within 2 months of the office action mailing date.

The Commissioner is hereby authorized to charge any required fee(s) to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 60877-0043). A copy of this sheet is enclosed for such purpose.

IN THE CLAIMS:

Rewrite the pending claims as follows:

1. (Currently amended) A method for identifying a faulty measurement among a plurality of GPS range measurements that are used to determine a state of a discrete-time controlled process, comprising:

computing a plurality of correlation values, each correlation value associated with one of the plurality of GPS measurements obtained by a GPS receiver with respect to a plurality of satellites, each of the plurality of GPS measurements corresponding to one of the plurality of satellites; and